

Amendments to the Claims:

1. (Currently Amended) A device for the emission of seismic vibrations, intended to be mounted on a mobile platform-(100), which includes:

- a vibration assembly to send the vibrations into the ground, and
- a ground-hugging assembly for the device-(200),

the ground-hugging assembly being intended to be fixed to the mobile platform-(100) and to transfer the load from it, in a ground hugging direction-(1), onto the vibration assembly fluttered against the ground, with the vibration assembly being fixed to the ground-hugging assembly by compensation members-(251, 252, 253) designed to compensate for the perpendicularity anomalies between the general plane of the ground and the ground hugging direction-(1),

~~characterised in that these~~ wherein the compensation members include long connecting elements having respective longitudinal axes and designed to be driven in traction along their said respective longitudinal axes, the long connecting elements-being each having one end mounted at each of their ends to the vibration assembly and an opposite end mounted to a fixed part of the ground-hugging assembly, each end of each long connecting element being free to rotate around at least one axis of rotation substantially perpendicular to the ground hugging direction-(1), with the axes of rotation of each long connecting element being fixed, one axis to the vibration assembly and the other axis to a fixed part of the ground-hugging assembly.

2. (Currently Amended) A device according to ~~the preceding claim 1,~~ characterised in that wherein the long connecting elements-are comprise tie-rods-(253).

3. (Currently Amended) A device according to claim 1, ~~characterised in that~~ wherein the long connecting elements-are comprise tie-rods mounted on swivels.

4. (Currently Amended) A device according to ~~one of the preceding claims~~ claim 1, ~~characterised in that~~ wherein the compensation members also include isolating members designed to compensate, in an asymmetrical manner, for ~~the~~ vertical perpendicularity defaults of the general plane of the ground with respect to the ground hugging direction-(1).

5. (Currently Amended) A device according to ~~one of the preceding claims~~ claim 1, ~~characterised in that it~~ wherein the device does not include an upper distribution/synchronisation frame ~~(248)~~.

6. (Currently Amended) A device according to ~~one of the preceding claims~~ claim 1, ~~characterised in that~~ wherein the compensation members do not include sliding skids ~~(259)~~ for the vibration assembly on the ground-hugging assembly.